

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
9 October 2003 (09.10.2003)

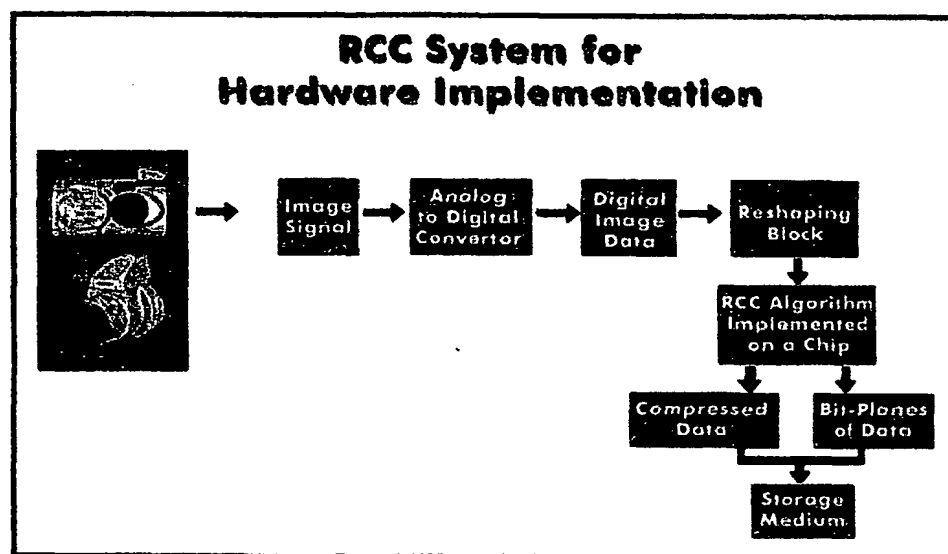
PCT

(10) International Publication Number  
**WO 2003/084205 A3**

- (51) International Patent Classification<sup>7</sup>: **H04N 7/28**, H03M 7/30
- (21) International Application Number: PCT/IN2003/000049
- (22) International Filing Date: 7 March 2003 (07.03.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 895/MAS/2001 1 April 2002 (01.04.2002) IN
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- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:  
— with international search report  
— with amended claims
- (88) Date of publication of the international search report: 8 April 2004
- Date of publication of the amended claims: 13 May 2004

[Continued on next page]

(54) Title: REPETITION CODED COMPRESSION FOR HIGHLY CORRELATED IMAGE DATA



(57) **Abstract:** This invention is related to both a process and a system for compressing highly correlated image data. The system for compressing image and other highly correlated data comprises means for capturing the image, means for converting to digital form, means for reshaping the data, means for encoding the repetitions, means for storing the compressed data and means for retrieving the data. The method for compressing image and other highly correlated data comprises of steps like capturing the image, converting into digital form, reshaping the data into matrix form, encoding the repetitions into a bit-plane index and stored data values, storing the compressed data in storage memory and retrieving the data for decompression. The system and method for compressing image and other highly correlated data is described in the description and illustrated by the way of drawings.

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